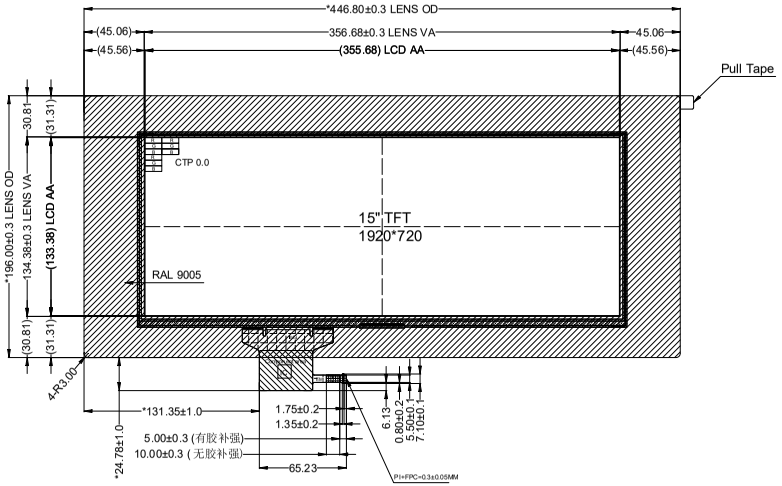
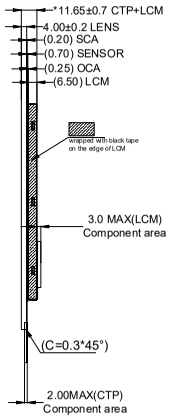
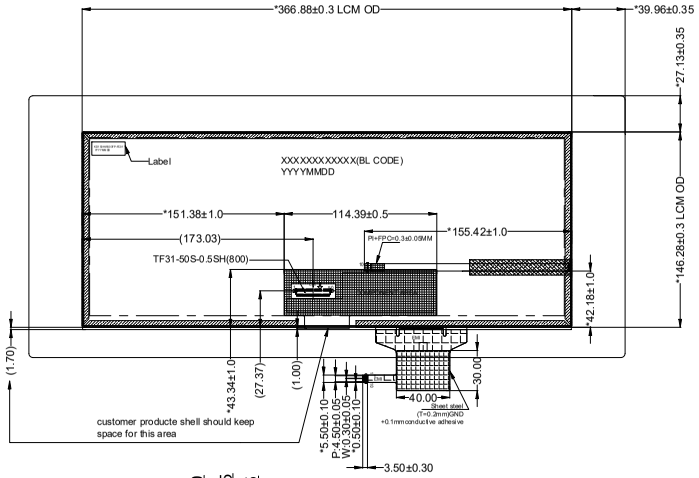
Front View



Side View

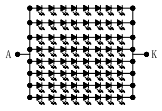


Rear View



LCM PIN

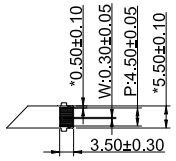
PIN	SYMBOL
1	NC
2	GND
3	GND
4	CSB(NC)
5	SCL(NC)
6	SDA(NC)
7	RESET
8	STBYB
9	VDD
10	VDD
11	GND
12	GND
13	OLVD3P
14	OLVD3N
15	GND
16	OLVD2P
17	OLVD2N
18	GND
19	OLVD0LKP
20	OLVD0LKN
21	GND
22	OLVD1P
23	OLVD1N
24	GND
25	OLVD0P
26	OLVD0N
27	GND
28	GND
29	PAL_DET(NC)
30	VDD
31	VDD
32	ÂTREN(NC)
33	VDD_OTP(NC)
34	NC
35	GND
36	GND
37	NC
38	NC
39	NC
40	NC
41	LEDA1(NC)
42	LEDA2(NC)
43	LEDA3(NC)
44	LEDA4(NC)
45	NC
46	LEDK1(NC)
47	LEDK2(NC)
48	LEDK3(NC)
49	LEDK4(NC)
50	NC



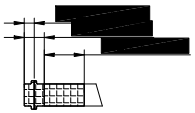
CIRCUIT DIAGRAM

KD150HWU03FP-FC01
YYYYMMDD

Label



BL-FPC



CTP PIN

PIN	SYMBOL
1	CTP_VDD_3V3
2	I2C_SCL_CTP
3	I2C_SDA_CTP
4	I2C_RESET_CTP
5	I2C_INT_CTP
6	CTP_GND
7	CTP_GND
8	CTP_USB D+
9	CTP_USB D-
10	CTP_VDD_5V0

BLS PIN

1	LEDA
2	LEDA
3	LEDA
4	NC
5	LEDK
6	LEDK
7	LEDK
8	LEDK
9	NTC_1
10	NTC_2

CTP NOTES:
1.G+G:Cover Glass: 4.0MM, SCA: 0.2MM, SENSOR: 0.7MM, Total: 4.9±0.3MM;
2.IC:ILI2511(COF). Support touch: 10 points;
working voltage: USB: 5.0V, I2C: 3.3V IO voltage: 3.3V I2C address: 0X82,
Interrupt mode: pull-down pulse; Interface: USB+I2C
3.Surface hardness: ≥6H;
4.Operation temperature: -20°C~+70°C;
5.Storage temperature: -30°C~+80°C;
6.Luminousness: ≥85%;
7.All RoHS certificated;

LCM NOTES:
1. DISPLAY TYPE: 15.0 INCH TFT /NORMALLY BLACK
2. BACKLIGHT: 64 CHIP WHITE LED, 8S8P
VF =21.6~27.2V;IF = 460mA
3. OPERATING TEMP: -30°C~+85°C
4. STORAGE TEMP: -30°C~+85°C
5. LCD IC: HX82102
6.Luminance:1200cd/m2(TYP) 1000cd/m2(MIN)
7. "( )"reference dimension."*"critical dimension
8. RoHS Compliant

REV.	DATE	MODIFICATION
1.0	2025.12.6	First issue

INTERFACE	LVDS Interface
	FPCA Connector /
VIEWING DIRECTION	ALL
Gray DIRECTION	FREE

KADI DISPLAY

Material code: TBD	PART NO. KD150HWU03FP-FC01
DWN LHF 2025.12.6	REV. V1.0 / SHEET OF 1/1
CHKD Li Huang 2025.12.6	TOLERANCE UNLESS SPECIFIED ±0.3
APP Li Huang 2025.12.6	UNIT mm / SCALE 1:1
PROJECTION 3rd ANGLE	